

## May Notable Month For Y-12er T. A. Keith; Receives UT Certificate And Promotion

### Courses Taken Prove Helpful On Plant Job

The month of May, 1959, can be long remembered with pride and satisfaction by Thomas Alexander Keith, of the Y-12 Sunflower Shop Department. That month brought him a well-earned Certificate in Supervision and Production Technology from the University of Tennessee Evening School after about four years of study and class attendance outside of his working hours. It also brought him promotion to the post of foreman in the Mechanical Operations Division from experimental machinist in the General Machine Shop.

### Courses Carefully Chosen

The courses taken by the Y-12er at the UT Evening School were carefully chosen for their value in bettering his work standards in the plant—and Keith already has put a lot of the knowledge gained in his scholastic work to good use. "I have found all of those courses helpful as they apply to my line of work," Keith says.

He hopes to eventually continue his collegiate education to attain a degree, but has no immediate plans along that line. In his courses for the certificate he attended most classes in Oak Ridge, with only two being held in Knoxville.

### Presented By Flack

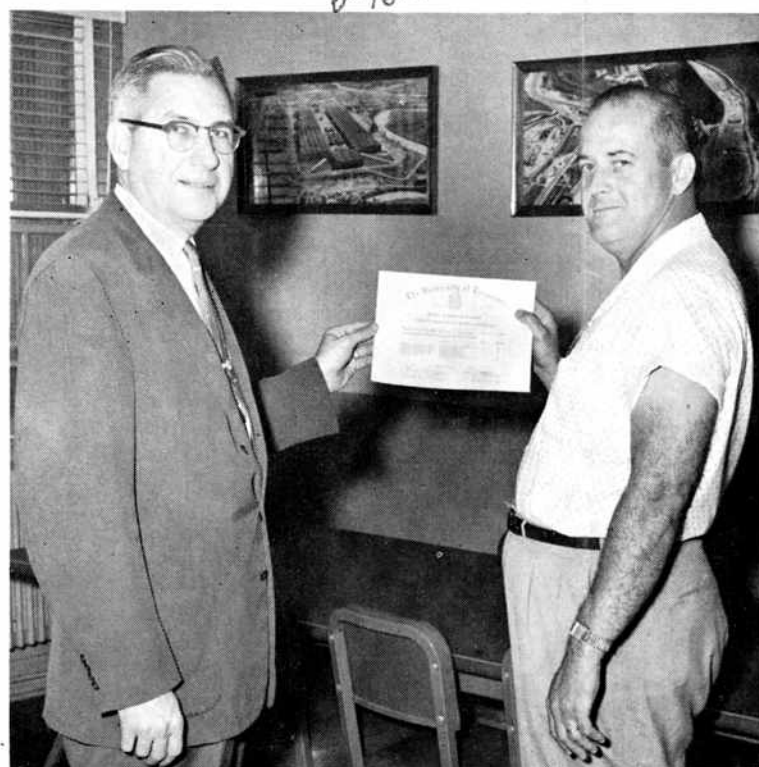
Industrial Relations Division Superintendent George W. Flack presented the UT certificate to Keith on May 13, shortly after it was received from the university accompanied by a complimentary letter from Dr. Charles R. Moffett, UT Extension Center Supervisor. The certificate read:

"This is to certify that Thomas Alexander Keith has satisfactorily completed the course listed below:"

In Industrial Engineering—survey of industrial engineering, motion and time study, industrial safety, operative supervision and personnel administration. In the field of statistics he completed a course in introduction to quality control.

The certificate was signed by Dr. Moffett, Armour Granger, dean of the College of Engineering; Frank B. Ward, dean of the College of Business Administration.

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PROUDLY RECEIVING HIS CERTIFICATE FOR COMPLETION OF COURSES at the University of Tennessee Evening School from Y-12 Superintendent of Industrial Relations George W. Flack, left, is Thomas A. Keith, of the Sunflower Shop.

## Y-12er Don Cowan Cast In Lead Role Of Community Playhouse Summer Show

The Oak Ridge Community Playhouse will present their 10th annual summer show on June 4, 5, 6, 11, 12 and 13 at the Oak Terrace Ballroom. The play will be "Babette," a musical comedy written by Betty Clayton Osborn and directed by Paul Ebert.

The play revolves around an American cowboy who is stranded in Paris. Don Cowan, Y-12 Labor Relations, will play the leading role of the cowboy. This is a new type of role for Cowan, who starred as Marc Antony in the Playhouse production of "Julius Caesar." Lou Skeel, Alpha Four Cascade Operations, will be seen as Monsieur Duval, a business man and would-be connoisseur of the arts. Skeel also had roles in "Julius Caesar" and "Inherit the

Wind" during the past Playhouse season.

These shows have always provided audiences with an evening of gay entertainment. The audience is seated around tables, cabaret style and refreshments are available in the Ballroom. Tickets will be sold at the door. Seats are not reserved, but will go on a first-come, first-served basis.

### GLASS FIBRE IMPORTANT

Only since the 1930s has glass fibre been used industrially, says a report of the 20th Century Fund. Glass fibre will not rot or burn, can be made stronger than steel, is lighter than wool and superior to silk as an insulating material.

## Device For Measuring Radioactive Fallout Is Now Under Development

### AEC And OCDM Hopes For Simple, Inexpensive Instrument Soon; To Be Used In All Homes

The Atomic Energy Commission and the Office of Civil and Defense Mobilization are keenly interested in developing for home use an inexpensive, simple and effective device to detect and measure radioactive fallout. The two agencies have been working together toward this end since August 1957.

The aims of the AEC and OCDM were outlined in a joint statement issued by Willard F. Libby, commissioner of the Atomic Energy Commission; and Leo A. Hoegh, director of the Office of Civil and Defense Mobilization.

It is an established policy of OCDM that every home should have a battery radio set. Also, research carried out during the last year or more by the AEC and OCDM has included attempts to perfect a radiation detection device which could be combined with a battery radio hopefully at an additional cost of not more than \$5 to \$10.

The present general popular trend toward transistor radios, which are both portable and battery powered, may, if the instruments are available at modest cost, result in the introduction of fallout detection instruments into millions of homes. This would greatly strengthen the nation's civil defense against nuclear attack.

Several companies have developed such radio radiation detector combinations which are being considered. When such combinations are tested and approved for performance and low cost, the

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## UCNC Sets 'Spot Sale' Of 165 Used Vehicles

### Event Is Scheduled Wednesday, June 10

An excellent opportunity for Y-12ers to obtain used government motor vehicles will be offered next Wednesday, June 10, when a "spot sale" will be staged by Union Carbide Nuclear Company Property Sales Department. The sale will be at the UCNC warehouse just off River Road near Elza Gate.

The sale will start early in the morning and it is expected that by early afternoon the necessary bookkeeping will be completed so that successful bidders may make payment, obtain title and drive their vehicles away.

A total of about 165 vehicles are to be offered at the "spot sale." They will range from 1952 to 1956 sedans, late model pickup, stake and dump trucks and carryalls.

The vehicles to be placed on sale may be inspected this week through Saturday and from Monday, June 8, to the time of the sale on June 10.

For UCNC employees who want to wait to defer payments, the Property Sales Department will extend time for payment and pickup of vehicles by successful bidders to Saturday, July 11.

### ENTREES ARE ANNOUNCED FOR Y-12 SPECIAL LUNCHES

Stuffed bell pepper with parsley cream sauce will be the main dish on the 50-cent Special Lunch to be served at the Y-12 Cafeteria tomorrow, Thursday, June 4. On next Tuesday, June 9, baked beans with diced frankfurters will be the entree. Each Special Lunch will include one vegetable, choice of salad or dessert and rolls and butter.

### SAFETY SCOREBOARD

The Y-12 Plant Has Operated

40 Days Or

1,325,000 Man-Hours

(Unofficial Estimate)

Without A Disabling Injury

Through May 31

Phone 7755

For Daily Report On Accident-Free Hours



Y-12 PLANT SUPERINTENDENT JOHN P. MURRAY PRESENTS THE DOOR PRIZES at the Y-12 Spring Dance held May 22, at the Oak Terrace Ballroom. At left, John Lay, SS Control, is shown receiving

the first prize, a GE Waffle Iron and Grill. In the second shot Doris Hopkins, AEC, is smiling happily with the Sunbeam Steam and Dry Iron she won as second prize. Mrs. Pat Febbo, whose husband Paul,

is with the Catalytic Construction Company in Y-12, joyfully accepts the Mirr-O-Matic Coffee Maker from Murray. The picture at right gives a long range shot of the many couples who enjoyed the dance.



# The Bulletin

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## Biggest Gap In Security Is 'Yapping'

The biggest gap in security! It is unthoughtful "yapping" by careless persons about classified information with which they have been entrusted. It has been said before — and very truly: "The unspoken word never does harm." "What strange power there is in silence." "A word unspoken is a sword in your scabbard; a word spoken is a sword in another's hands." "You are the master of the unspoken word, once it is out of your mouth—you are its slave." Some of these quotations are ancient—others are of more recent origin. Probably none of their authors were thinking of the safeguarding of classified information. All the elaborate physical protection provided classified information can be cancelled by an open mouth and a wagging tongue. It's the biggest gap in security.

## Glassblowers Hold Meet At Corning, N. Y. In May

The American Scientific Glassblowers Society held their fourth annual symposium at Corning, New York, May 21, 22 and 23. E. J. Greeley and E. L. Boorn, both of the Y-12 Research Services Department, attended the meeting. Also present were R. W. Poole and O. J. Kingsbury, Jr., of the Oak Ridge National Laboratory, and Charles Asmanes from the Oak Ridge Gaseous Diffusion Plant. The program included many informative technical papers by specialists in the field of glassblowing with a question and answer period following the presentations. Corning Glass Works was a gracious host for portions of the meetings which included a tour of Corning's new glassblowing plant at Big Flats as a highlight of the convention.

If you can't stop—don't go.

# June Brings Anniversaries -- Lore On Wedding Rings And Gifts

June—the month of brides and other glowing creatures—is here again. The month brings a lot of interesting anniversaries and some interesting notes on wedding ring and gift lore. Birthstones for the month of June are the sardonyx, pearl and moonstone, while the flower of the month is the glorious rose.

Starting out with anniversary dates of notable happenings—there is:

**June 3, 1883**—First night baseball game was played in Ft. Wayne, Ind. (Even then, the married-man fan had probably developed a fine excuse for absence in case of rain to keep on staying out.)

**June 8, 1911** — First airplane pilot's license was issued by the



Aero Club of America.

**June 17, 1856**—The Republican Party held its first national convention in Philadelphia. (The city of Brotherly Love hasn't gotten over that one yet.)

**June 20, 1840** — Samuel F. B. Morse obtained a patent on the telegraph. (The Morse Code of telegraphy has been widely used ever since.)

**June 26, 1917**—Carrying out the promise "The Yanks are Coming"

the first American troops landed in France to help win World War I for the Allies.

Now to the legends and stories about rings and things for weddings.

Today's "engagement ring" actually is a "wedding ring." For the word "wed" properly means to engage by a pledge. By digging into the meaning of "wedlock" it will be found that it has nothing to do with locks. (Tell an old married man that.) The word in old English was "wedlac," and meant a gift given as a pledge.

The wedding ring originally was part of the price a man paid for his bride, and it went to her father rather than to the girl. The custom of giving the ring to the bride apparently originated when signet



rings were used as symbols of authority. The husband gave his wife a signet ring to show that she was authorized to act for him in handling his household affairs.



Here's hoping the regular Colyum Conductor, George Whipple Dobbs, pitched himself a grand time while attending the Industrial Editors Conference in Milwaukee. In the absence of the Proprietor and General Manager of this space the stand-in and general flunky has rounded up a little gossip in the plant beginning with

### PLANT ENGINEERING

Mechanical Engineering has added **Henry D. Cunningham** to their department — the Henry's live in Fountain City and have a son, Gregory, twenty-two months old — Welcome in, Henry! ... Speaking of M.E. additions, **John Hill**, formerly with Heating and Ventilation, and a long Y-12er, joined the ranks this past week—welcome to you, too, John! ... **Eleanor Bennett** and son Randy are taking in the sights of Marineland, St. Augustine, and Daytona this week ... The **Bob Lassiters** were visitors in Hazel, Ky., over the weekend visiting folks on both sides of the household ... **C. L. Scalf** is chief cook and bottle washer (bottle???) while the missus is visiting her parents in Gadsden, Ala. ... The **W. B. Hoods** were up in Cumberland Gap over the long weekend and came back with some fancy pottery ... **Pat O'Brien** is at home this week enjoying the old hammock, shade trees and the lemonade pitcher ... **Tom Norris** and spouse were Nashvillians over Memorial Day, enjoying some of their mothers' cookin' ... At least three in this department came away last week with pockets budding with golf balls. The winners at the Y-12 golf tournament at Green Meadows Golf Club included **J. U. Price, Tom Harris** and **M. B. Hilton**.

### CHEMICAL OPERATIONS

The Chemical Department is and has been full of vacationers during the past few weeks ... **Milo Ward** and wife Jackie are in Parris Island, S.C., this week visiting his brother and family—while there they plan to do some deep sea fishing ... **P. B. Petretsky** and family are vacationing this week in Canton, Ohio, with his mother ... Terminating Friday, June 5, to take up the duties of expectant motherhood is **Ellis Stonecipher** ... Gone on a camping trip to the Smokies and then over to visit relatives in North Carolina while on vacation this week are the **Bob Schabot** family ... The **H. A. Reed** family were recent weekenders in Powell Valley ... Also vacationing this week in Pachuta, Miss., is **W. L. Boutwell** ... **J. T. Waters** is visiting Camden and points in West Tenn., while on vacation this week ... Those who were on vacation last week included **Mary Jenkins** who visited in Alabama and **J. R. Martin** who spent his time off working on his new home.

**Jo Ann Baker**, of Aspen Chemical, her husband, and their son Larry are visiting her parents in Camden, New Jersey. They also intend to go to Atlantic City, and on to New York City ... **Roy Smith** just returned from a vacation in Florida where he enjoyed catching two nice sail fish ... **O. L. Williams** is vacationing this week with his wife and children in the Smokies and around Newport — He says he plans to outdo Smith's sail fish tale ... **Roy Graham** and his family vacationed in Lafayette, Indiana, home of Purdue University, visiting his parents recently ... **V. C. Beckner** stayed at home on his vacation and worked up a storm on his daughter's new home.

### TECHNICAL

Production Analysis reports that **Morgan Carter** vacationed in Gate City, Va. recently — resting and fishing ... **Ozella Ward** roamed around Middle Tennessee recently ... **Muriel Clubertson** spent her vacation in Rogersville, Tenn. ... **Eva Garrison** visited Bowling Green, Ky., over the Memorial Day weekend.

Statistical Services congratulates **J. Pat Reavis** on the arrival of his new daughter May 25, she weighs six pounds and eight ounces — mother, baby and father are all doing well.

Vacationers from Radiation Safety include **Eddie Roberts, Jr.**, who is going to break in a new set of golf clubs down Rockwood way this week ... **Dixie Stinnett** and hubby recently spent a weekend with her sister in Clarksville —they attended the Armed Forces Show while there ... **B. F. Rutherford** is vacationing this week and is visiting relatives in Western Kentucky and will probably journey over to the Smokies on the way back to Oak Ridge ... **Evelyn Lowry** and husband are vacationing in Atlanta and other interesting places this week ... **Doug Klima** visited his grandparents over the weekend in DePauw, Indiana.

### INDUSTRIAL RELATIONS

Guard **R. L. Carson** reports that he and his wife visited relatives at Winston-Salem, N.C., and also visited the Natural Bridge in Virginia while on vacation recently ... The "Blue and Gray" welcomes Guard **G. H. Harvey** back after a long and lengthy bout with his "ticker" ... Vacationing at home, painting, gardening and fishing in local lakes last week were **J. V. Overton, W. W. Hammer, M. N. Wilkerson** and **P. E. Gipson** ... Guard **S. T. Vickery** is vacationing with his sister in Miami with a side trip to Key West to do some deep sea fishing ... Guard **R. B. Blankenship** and family are vacationing with relatives in Flint, Michigan ... Fireman **H. L. Miller** is vacationing around home in LaFollette this

week ... **Captain W. R. McGill** is moving from his "country home" in Maryville to the "big city home" in Oak Ridge this week.

### MECHANICAL OPERATIONS

The Sunflower Shop extends get well wishes to **T. A. Keith** ... Vacationing in Florida last week was **W. R. Coats** ... **B. R. Lundy** vacationed at home last week, doing some fishing and farming ... **G. A. Hatmaker** caught up on his farm work last week while on vacation ... **H. R. Hill** and **A. B. Anderson** did some fishing on vacation last week ... **C. B. Wilson** spent his vacation in Kentucky and parts of Ohio ... Get well wishes are extended to **L. D. Best** who underwent surgery last week ... The Department welcomes **L. C. Vann** and **J. M. Richmond** ... **J. M. Hodge** did dome camping at Cade's Cove last week ... **D. E. Parten** left on vacation — whereabouts unknown ... **E. A. Burcham** and **E. H. Vineyard** were on the sick last week ... Recent vacationers in Daytona Beach, Fla., included **L. M. Bray** and **M. B. McCarter** ... **K. G. Kincaid** vacationed on his farm in Loudon county recently ... **E. Plemens** vacationed at home, while **R. D. Scalf** failed to give his destination ... **R. F. Wyatt** recently vacationed at home in Roane County ... Visiting home folks in Mobile, Ala., last week was **L. E. Abrams**, while **R. F. Phillips** was off to points in Fla. ... **H. Whaley** vacationed at home last week, as did **H. B. Jarvis** and **B. J. Hill** ... **H. D. Keydon** was on vacation in Miami, Florida last week ... **R. H. Higdon** was trying to catch the big ones while on vacation at Kentucky Lake and Red River last week ... **K. J. Duke** was also fishing on his vacation ... Welcome back to **Tim Watt**, who has been off recently with the flu ... Congratulations are extended to **Ben Rankin** who vacationed at home last week, trying to get acquainted with his new daughter, Phyllis Jean, born May 15, weighing seven pounds and five ounces ... **Ben Bailey** is off to Savannah, Ga., this week for some golfing and free meals at his in-laws ... **H. E. Cornell** and wife are off to Mobile, Ala.

Several people are vacationing this time of year and those from Production Control include **O. L. Keene**, who is enjoying the beaches in Virginia ... **H. Mitchell** stated that he intended to get in some fishing ... Just returning from vacations spent at home are **W. C. Morrow** and **T. B. Caldwell** ... **J. Kierman** is also just back from a vacation and reports that he took his family on a trip ... It's good to see the smiling face of **C. M. Jenkins** on the job again after an extended illness ... Get well wishes are sent to **M. M. Dickens** wife Peggy who is recuperating at home after recently undergoing surgery at the Oak Ridge Hospital ... The sick list includes **A. Neil**, **A. P. Murphy**, and **C. E. Guinn** — heartiest get well wishes are extended to them ... **Al Donahue** is interested in recruiting some good track miler — it seems that his calf got out

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Get well wishes are extended to the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

Cleveland Cannon, Janitors Department; B. H. Davis, Product Processing; B. B. Addison and W. P. Ingle, General Machine Shop; E. J. Rogers, Buildings and Grounds; A. E. Allen and R. L. McKinney, Mechanical; J. P. Parker, TW Shop; B. D. Cofer, Forming; O. M. Kelley, Beta Four Heavy Machine Shop.

## Analytical Chemistry Group Features Well-Known Chemist

The Analytical Chemistry Group of the American Chemistry Society, East Tennessee Section, will host Karl Gerold Schwarzenbach, internationally known chemist of Zurich, Switzerland, who will speak on the subject, "Salt Cryoscopy." The meeting will be held at Robertsville Junior High School Cafeteria at 8 p.m. on June 8. The public is invited to attend.

Professor Schwarzenbach will be one of the featured speakers at the Summer Symposium on Analytical Chemistry being held at the University of Illinois in June, and he will speak later at the Gordon Research Conference while visiting this country.

## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

### 15 YEARS

**James D. Martin**, Janitors, June 3.  
**Charles L. Pigott**, SS Control, June 5.  
**Anna P. Smith**, Production Analysis, June 6.

### 10 YEARS

**Guy H. Smith**, Development Operations, June 5.

## Rides Wanted, Offered

Want riders or carpool members from Chapman Highway to North or East Portal, straight day. M. B. Bridges, plant phone 7-8250, home phone 7-2694, Knoxville.

Carpool members wanted from West Haven to any portal, straight days. G. M. Tolson, plant phone 7-8278, home phone 2-8247, Knoxville.

Riders wanted from Athens, Sweetwater, Loudon and Lenoir City to any portal except East, straight day. A. R. Shamblin, plant phone 7-8667, home phone 2065, Athens.



# Three Teams Tie For Softy Lead

Sportsmen, Reactors, Whiz Kids Form Race

The Y-12 Softball League developed into a three-way tie for the top position as the Reactors trounced the Slowpokes 12 to 2 and the Sportsmen topped the Slowpokes 8 to 3.

The Reactors pushed across three runs in the first inning and two in the second to build up an early lead over the Slowpokes. Leading hitters for the Reactors included Wright who had three for three, Cavosie and Cheek had two hits out of three trips to the plate. Cox had one for three to lead the Slowpokes in hitting and get their only hit of the night.

Sportsmen hurler Ed Sise gave up five hits and three runs to the Slowpokes while his teammates pushed across eight runs behind seven hits. Martin hit the only home run of the game and got two other hits to have a perfect night at the plate for the Sportsmen. Miller and Teno each hit doubles for the winners. Wheeler and Biddix each had two for three for the losing Slowpokes.

The Reactors, Whiz Kids and Sportsmen are all in a tie for first place with three victories and one loss apiece.

Line scores and league standings follow:

Team	R	H	E
Reactors	320	331	x—12 11 2
Slowpokes	002	000	x—2 1 5

Batteries: Reactors: Hawkins, Chandler and Smith. Slowpokes: Spradlin, Wheeler and Pullen.

Team	W	L
Sportsmen	000	44x x—8 7 6
Slowpokes	001	02x x—3 5 2

Batteries: Sportsmen, E. Sise and Dodson. Slowpokes, Spradlin and Woodward.



FISHERMEN FROM THE CHEMICAL Department made a nice haul recently with each catching their limit of 30 crappie and one blue catfish. The successful anglers are H. J. Searcy, left, and Ted Higgins.



THE SPORTSMEN TEAM, NOW TIED FOR FIRST PLACE, is pictured above. Standing from left are Larry Wyatt, Floyd Teno, Ben Bailey, Emmett Moore, Bill Dodson and R. G. Marler. Kneeling from left are Charley Robinson, Slick Miller, Jim Anderson, Manager Herb Oliver and Bill Sise. The mascot is young Dillon Moore, son of Emmett "Kingfish" Moore. Absent when the picture was taken were Jim Turner, Duane Bennett, Bill Ramsey, Ed Sise and Gerry Babb.

## Horseshoe and Tennis Players Are Urged To Form Teams to Fill League Vacancies

Only a very small group of prospective participants attended the League organizational meetings for Tennis and Horseshoes last week. All Y-12 employees who are interested in taking part in either of these

## Underwood-Olson Lead Red League

The Gentry Underwood - Bob Olson team held on to their first place position in the Red League of Y-12 golfers in Oak Ridge last week with a three point split with the Oxford - Collins combine. Brown and Nichols held on to second place in the league despite a loss of four points to the team of Hopkins and Belvin. Other four point victories were scored as McLendon-Mee topped Speas-Peterson, Gilcrease-Crow beat Youngblood-Burkhart, and Ratjen-Davis won over Emlet-Hines. Boyd-Oliphant scored the only whitewash victory of the week as they blanked the team of Bailey-Stoner. Tibbatts-Mitchell rounded out play for the week with a three point split with the Holzknicht-Peckman combine.

Hines had low scratch of 40 for nine holes while Gilcrease shot the low handicap score of 33. Other low scratch and handicap scores were Oxford 43-35, Hopkins 45-37 and Brown 45-37.

League standings follow:

Team	W	L
Underwood-Olson	15	3
Brown-Nichols	13	5
McLendon-Mee	12	6
Boyd-Oliphant	12	6
Speas-Peterson	10	8
Hopkins-Belvin	10	8
Emlet-Hines	9	9
Youngblood-Burkhart	8	10
Oxford-Collins	8	10
Tibbatts-Mitchell	8	10
Ratjen-Davis	8	10
Holzknicht-Peckman	6	12
Gilcrease-Crow	5	13
Bailey-Stoner	2	16

## Sawyer-Hendricks Top Whittles Loop

The combine of Sawyer and Hendricks scored a whitewash victory over Perry and Leach last week to take over the top position in the Whittle Springs Golf League. Other whitewash triumphs were posted by Wyrick-Wilburn over Troutman-Coleman while Loy-Huskinson and Morgan-Jordan picked up forfeit wins. Kovach-Galle scored a four point victory over the Bishop-Norris duo to round out the week's play.

Low scratch scores for the week ended in a three way tie with Sawyer, Hendricks and Wilburn each touring the nine holes in 40 strokes. Galle shot the low handicap score with a 33, and was followed by Bishop, Hendricks and Wilburn with 34 strokes each.

Team	W	L	Pts.
Sawyer-Hendricks	23	7	.768
Wyrick-Wilburn	22	8	.734
Kovach-Galle	21	9	.700
Morgan-Jordan	19	11	.634
Loy-Huskinson	18	12	.600
Leach-Perry	14	10	.584
Petretzky-Brisco	10	14	.417
Bishop-Norris	9	15	.375
Troutman-Coleman	8	16	.333



BIG GRIN—BIG FISH—No wonder M. Christoff, Process Maintenance, is beaming over that fine, fat largemouth bass he caught recently from Watts Bar Lake. It is a sure contender for honors in the Y-12 Annual Fishing Contest. The Y-12 angler used a bomber lure to catch the lunger.

## D Shifters Enjoy Rodeo On Norris

The D Shift Fishing Rodeo, which was held May 13 and 14 at Andersonville Boat Dock on Norris Lake, was enjoyed by almost 75 D Shifters. The winners of Mitchell 300 spinning reels in the game fish class included: largemouth bass, Pete Grubb; smallmouth bass, J. V. Haggard; stripe bass, B. O. Miller; walleye, Jett Hatfield; crappie, W. G. Vann; bream, E. H. Taylor. The rough fish class was won by Zollie Kidwell who caught a carp. Jett "Lucky" Hatfield also won the door prize, another Mitchell spinning reel.

Observed the mother of the bride-elect:

"All my married days I've carried two burdens — Pa and the fire. Every time I turned my back to look at one, the other has gone out."

# Third Y-12 Golf Tourney Is June 20

Event Will Be Played At Deane Hill Course

The Recreation Department has announced that the third Y-12 Plant Golf tournament will be held at the Deane Hill Country Club Saturday, June 20.

Scheduling of tee-off times will begin promptly at 8 a.m., Thursday, June 11, at the Recreation Office, Room 265, Bldg. 9704-2, plant phone 7100. The deadline for entering the tournament will be noon Friday, June 19, the day before the event. The starting times for the tournament will be from 6:30 a.m. to 10:30 a.m.

Y-12ers who participate in the tournament will be allowed to play only 18 holes on the day of the tourney. Deane Hill Country Club pro Lloyd Foree, requests Y-12 golfers to practice putting on the putting green only. In the event of rain, the tournament will be postponed and rescheduled at a later date if possible.

All contestants in the Oak Ridge and Maryville tournaments have been sent notices of the Deane Hill event. The same rules and prize list will prevail for this meet as were in force in the first two tournaments.

## Shatley-Kahley Hold Blue League Lead

The combine of Shatley-Kahley lost their first four points of the season to the Maddux-Luck team but still maintained their hold on the top position in the Blue League of Y-12 golfers in Oak Ridge. Orrison-Thomson jumped into second spot with a whitewash triumph over Wallace-Patterson. Whitewash wins were also posted by Breman-Hackett in a win over Matthews-Stout and by Gregory-Dehoney as they blanked Pletz-Roberts. Everitt-Lockhart took four points from Smith-Bartholomew while Gambill-Hamby scored a five point victory over Earley-True.

Ed Gambill shot the low scratch score of 39 and tied with Dick Dehoney for low handicap with 35 net.

League standings follow:

Team	W	L
Shatley-Kahley	14	4
Orrison-Thomson	13	5
Smith-Bartholomew	12	6
Breman-Hackett	12	6
Gambill-Hamby	11	7
Gregory-Dehoney	11	7
Earley-True	8	10
Everitt-Lockhart	8	10
Maddux-Luck	7	11
Wallace-Patterson	6	12
Matthews-Stout	3	15
Pletz-Roberts	3	15

Safety is the pathway to success.



GETTING READY TO TOSS A RINGER AT THE DEVELOPMENT DIVISION PICNIC at Cove Lake State Park Saturday, May 23, is Development Division Superintendent W. K. Whitson. Looking on from left



are A. H. Fowler, C. R. Schmitt and Jim Redmon, all of the Development Operations Department. Enjoying volleyball, one of the many sports picnic-goers participated in, are a happy group of Y-12



Development folks. At right, a number of the 260 people who attended the picnic are filling up on the delicious food—that was available to everyone.



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## Metals Company Head Sees Sales Increase

### Several Developments Predicted By Intemann

Hermann K. Intemann, president of Union Carbide Metals Company (formerly Electro Metallurgical Company), has predicted a 25 per cent boost in ferroalloy sales this year over the previous year. In his year-end statement for 1958, the president of the firm announced that the total ferroalloy sales by his company were about 75 per cent of the 1957 sales. This decrease in sales was attributed to the sharp decline in steel production which began in the last quarter of 1957 and continued into the first half of 1958.

The last half of 1958 saw a rise in sales in the industry, but not enough to bring the level to the 1957 figures.

President Intemann touched on the future outlook for various units in the ferroalloy industry and predicted several developments. These would include new high-temperature alloys and alloy steels for missiles, supersonic aircraft and nuclear reactors. He also predicted a larger market for heat resistant stainless steels, increased use of titanium in the process industries for corrosion resistance and in the aircraft industry for structural applications. He also foresaw production of new high-strength vanadium alloys for high-temperature applications, availability of larger and thinner sheets of pure tantalum and growing use of the metal columbium additions to carbon and possibly low-alloy steels for grain improvement and increased strength and toughness.

## Greene County Leads In Farm Ponds

Figures released by C. M. Richards, Soil Conservationist for Greene County, reveal that during 1958 some 154 farm ponds were constructed in this East Tennessee county. Of this number of newly built ponds, 106 were stocked with fish supplied by the State Game and Fish Commission.

Since 1954 the Greene County District has added over 700 farm ponds to its existing water supply, and well over half of these have been stocked with fish.

According to Price Wilkins, senior fisheries biologist for the Game and Fish Commission, the increasing number of farm ponds in this area has added considerably to production of fish. He pointed out that a farm pond when properly constructed and managed is capable of producing around 20 pounds of fish per acre per month. As to just what constitutes a farm pond Wilkins stated that such ponds may range in size from one quarter of an acre up to three or four acres.

### BEEKEEPING OLD ART

Beekeeping for honey was an important factor in ancient times. However, it is only a small percentage of agriculture activities in the modern economy, says a report of the 20th Century Fund.

## May Notable Month For Y-12er Keith

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tion; and J. E. Arnold, dean of university extension.

### Congratulated By Moffett

In his letter, Dr Moffett declared he wanted to congratulate "one of your employees on his completion of our Certificate in Supervision and Production Technology . . . We are proud of all adults who attend the school on their own time and advance themselves so that they can be of more service to their organization."

Keith came to work in the Y-12 Plant on October 30, 1950. He is a native of Effingham, Ill., where he was born on July 24, 1921. He graduated from Effingham High School in 1941, where he took part in football, basketball, baseball, softball and track. During World War II he served in the Air Force from January, 1942, to November, 1945, serving in this country, Panama and Guam. He reached the rank of corporal. He is a member of the Veterans of Foreign Wars.

Keith is married and he and his wife, Mrs. Rosalie Green Keith, and their three children live at 141 Nevada Circle, Oak Ridge.

## Device For Measuring Radioactive Fallout

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AEC and OCDM will strongly recommend them to the public. It is hoped that successful devices can be developed in the near future.

The radio-radiation detector would provide in one convenient package two essential survival services:

- (1) Receipt of broadcast information and civil defense instructions; and
- (2) Determination of the presence and degree of radioactive contamination.

Ideally, in addition to a family fallout shelter, every American home eventually will be equipped with a battery powered radio and a simple inexpensive device for measuring radiation hazard whether combined in one instrument or separate. Meanwhile, federal agencies and state and local governments are developing a capability for detecting and measuring radioactivity.

There now are more than 88,000 city, state and federal employees who are trained to operate the radiological instruments which the OCDM has been delivering for this purpose. Through them, local governments, states and the federal government can determine fallout hazards and inform the public by radio. The individual family radiation detector would strengthen this general warning service.



SEVERAL DAUGHTERS OF Y-12ERS TOOK PART IN CORONATION CEREMONIES of the Girls Auxiliary of the Glenwood Baptist Church in Oak Ridge recently. The young ladies, each row from left, with the names of their fathers in parenthesis, are: back row, Sandra Fowler (W. J., General Machine Shop); Linda Mann (R. J., Steam Plant Supervisor); Carol Blevins (Archie, Production Inspection); Susan Bowen (Clyde, Steam Plant Shift Supervisor); Linda Lawler, queen with her scepter (Russell, Alpha Four); Marilyn Brewer (James, TW Shop); Judy Lawler (Russell); Wanda Blevins (Archie); Sharon Bearden (Joseph R., Electrical Maintenance); and Lynn Wylie (George, Janitorial Department foreman). In the front row are Linda Blevins (Archie); Carolyn Brock, scepter bearer; Carla Loveless (William, Product Processing); and Debbie Godsey, crown bearer.



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and he can't run fast enough to catch it . . . The welcome mat is rolled out to C. E. Hunley and R. L. Renfro.

Z Area welcomes W. F. Ragsdale, G. W. Simons and Jim Whitten back from their recent vacations.

Those in the General Machine Shop vacationing this week with destinations unknown include J. R. Ayles, Clyde Drummond, Bob Ferguson, Bob Gouldy, Fred Harvey, Richard Hawk, Clyde Hill and Tom Howard . . . Off to Virginia on his vacation is Avis Collins . . . Tony Gable is in Alabama visiting relatives and fishing this week. . . . Ed Hargis is taking three weeks vacation and is going to Norfolk, Va., and will take a boat up the Chesapeake Bay to Cape Charles and over to Dover, Del., and back to Washington, D.C.—quite a trip, huh! . . . Others in the shop who took off without giving their destinations include W. C. Jones, Clarence McClain, R. C. Murphy, J. A. Packard, B. P. Parteka, V. D. Sherrod, S. Smith, L. M. Vinson, G. B. Borella, J. D. Byrd, and G. R. Easter . . . C. F. Blaha is off to Virginia Beach and Richmond, Va. . . . C. E. Bolyard is spending his vacation in West Virginia this week.

The Forming Department reports that J. T. Dobbs is vacationing this week in Somerset, Ky.

### MAINTENANCE

Vacationers in Mechanical Maintenance include E. L. Sheffield, who is visiting kinfolk around Thomasville, Ala. . . . Staying at home on their vacations are W. Jackson, A. G. Stooksbury, and H. C. Giles . . . G. W. Tuck is back from the vacation that he spent working on his new home in Lenoir City—now he will have time to shop around for a wife to keep his new house clean . . . C. B. Newman was all smiles around the plant last week after his wife returned home from a visit with her mother in San Diego, Calif. . . . Sympathy is extended to R. A. Cate, whose great-aunt died last week.

Research Services reports that M. Maskewitz is spending his two weeks vacation in Vermont and Canada . . . O. D. Miller is fishing at Dale Hollow, Ky. . . . Vacationing at home are C. E. Helfenberg, L. R. Hall, E. K. DeLong, and L. Bowers . . . V. O. Messenger is spending two weeks of his vacation visiting his daughter in Colorado and then will have visitors from Ohio the third week . . . R. E. Baxter will spend part of his vacation in Winston-Salem, N. C., and then will get in some fishing . . . D. H. Loveday is visiting in Madison, Tenn., and also plans to go camping and fishing on Ft. Loudoun Lake . . . W. V. Yaden is spending his vacation at home in Maryville . . . E. W.

Means has been conducting classes at the Chamber of Commerce on recreational facilities in this area. . . . The Department extends sympathy to George Graham in the recent death of his brother-in-law.

Electrical Maintenance has quite a few men taking advantage of the summer weather this week to relax, fish, and putter around the house . . . J. R. Pitts, the man with the most "ups and downs" (he's their elevator mechanic) is starting a well-earned vacation. He plans to polish up his rusty muzzle-loading rifle and other pieces from his interesting collection of small firearms and do a little hunting and communing with nature . . . J. G. Scoggin took a week-end trip to Atlanta and is spending the rest of his vacation fishing, resting, and listening to his new stereo outfit . . . Boating and skiing on Norris Lake during most of his vacation will be G. V. Farnham . . . C. H. Felkner is doing some trout fishing in the Smokies plus some work around his home . . . J. R. Bosson is fishing on Norris and Fontana Lakes. . . . W. C. Munsey and C. R. Wardell have kept their plans a secret . . . J. R. Carroll and T. G. Crabtree are spending their vacations at home—resting most of the time . . . J. L. Young is visiting kinfolk in Summerville, Ga., and is taking a side trip to Huntsville, Ala. . . . J. P. Thomas is visiting relatives in Dayton, Ohio . . . W. W. Wright is traveling out West. . . . Still on the sick list are R. E. Stephens, W. H. Jones, J. W. Scarborough, J. L. Watkins, W. Wolfe and H. T. Christie — get well wishes are extended to all.

### FINANCE AND MATERIALS

The Property Department extends get well wishes to J. D. Housley who is a patient in Ft. Sanders Presbyterian Hospital. . . . Geraldine Watson and husband, Lewis, motored to Memphis over the holidays.

Vacationing from Design and Composition are Jean Raines and husband who are visiting relatives this week in Virginia . . . J. B. MacArthur and some fellow members of the Oak Ridge Boat Club were cruising down the river last weekend . . . Margaret Parks and family visited relatives in Whitley, Ky., last weekend . . . Eugene Davis took a week-end trip to Hartsville, S.C., to bring home the wife and kids . . . Don McMurray and family vacationed last week at Fontana Village.

Betty Rose, Engineering Records, is vacationing at home this week.

The Reproduction Department welcomes John Goughnour, a recent transfer from K-25.

### SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

Jean Jones and husband are vacationing in New Orleans this week . . . The Utilities Department welcomes A. D. Leach, H. B. Renfro and J. L. Hill . . . Al Edwards has gone into the rabbit business along with worm fishing. . . . E. F. Sosby and J. A. Braden, B Shifters, are getting to be ex-



CROWNED QUEEN of the Girls Auxiliary of the Glenwood Baptist Church in Oak Ridge recently was Linda Lawler, daughter of a Y-12er, left. Presenting her with the scepter is Miss Beulah Peeples, Girls Auxiliary Director of Tennessee.

perts on catching lizards, and C. H. Jarvis is catching the fish. By the way, where do you get your lizards, C. H.? Is it a secret? . . . Jack Finchum and family are spending their vacation in Hamilton, Ohio—they also plan to take in some ball games in Cincinnati. . . . The F. P. Smith and A. H. Schubert families spent Memorial Day in the Smokies . . . E. M. Baird worked on his house while on vacation last week . . . K. E. Thomas is taking in some ball games while on vacation in Cincinnati . . . W. L. McCollister spent the Memorial Day holiday fishing at Citico Creek . . . Elmer Clark is vacationing in the Smokies . . . Hugh Beeson and wife Shirley spent the Memorial holidays in Gatlinburg . . . Pat Blanton drove her new red convertible down to Cookeville over the weekend to visit friends at TPI.

## D Shift To Hold Picnic At Big Ridge On June 11

Y-12ers on the D Shift will stage a picnic on Thursday, June 11, at Big Ridge State Park. Guests will begin to gather for the shindig at 10 a.m. and lunch will begin at noon. All D Shift families are asked to bring their own picnic meals, which will be spread family style at the extensive picnic grounds at Big Ridge. Soft drinks will be served free to all and a number of handsome door prizes will be awarded. Paul Bearden is chairman of the D Shift Recreation Committee, which is in charge of arrangements.

### PAPER WIDELY USED

Two thirds of the paper industry's product goes into industrial and commercial use. Paper products compete with glass, plastics, textiles and other products, says a 20th Century Fund report.